



CSOP Alternatives



***Task Force Briefing
May 10, 2005***

Pre-WCA Flow Patterns

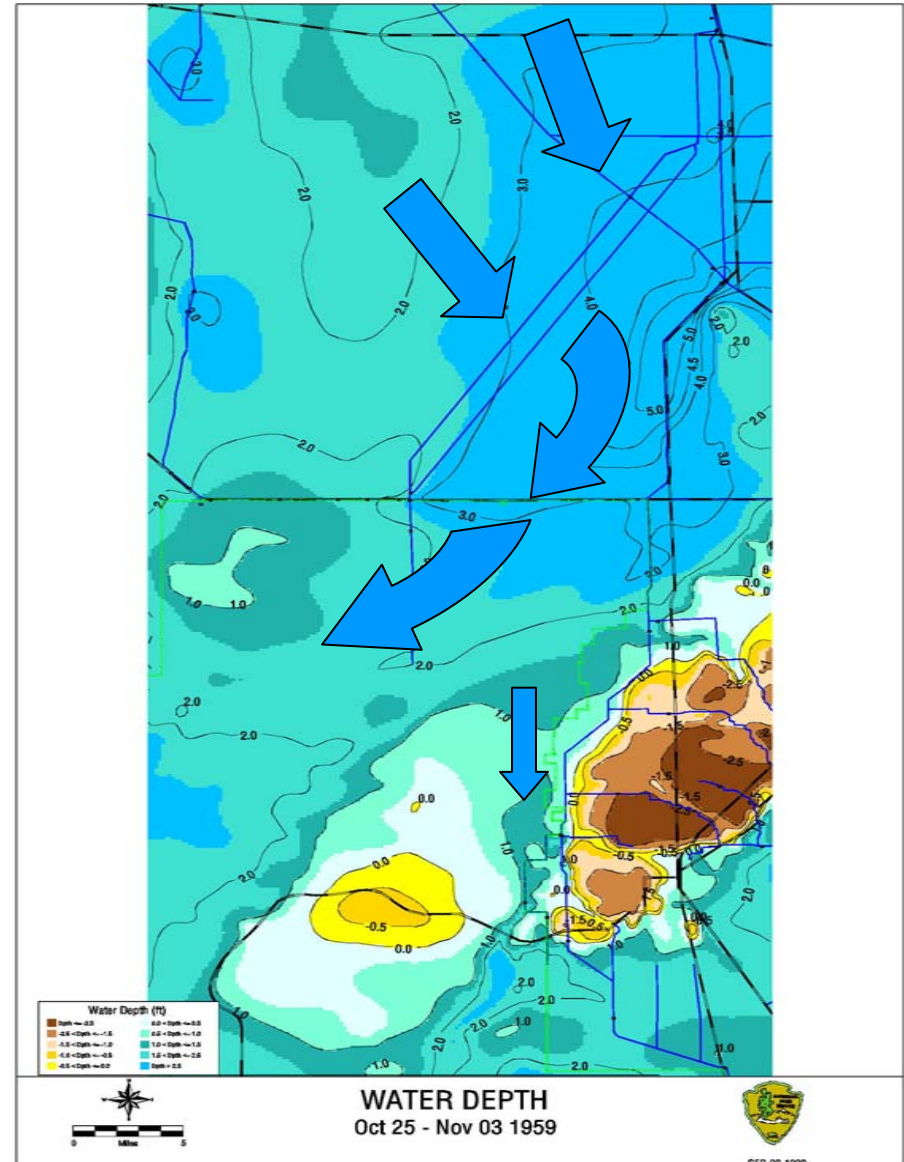
(November, 1959)

Flow Characteristics:

Original flow pattern followed the historical flowway through the central Everglades into Shark Slough.

Extensive flooding occurred east of the protective levee system in the low-lying wetland areas.

A strong surface water connection formed across the Rocky Glades, that linked Shark Slough with Taylor Slough.



Post-WCA Flow Patterns

(November, 1994)

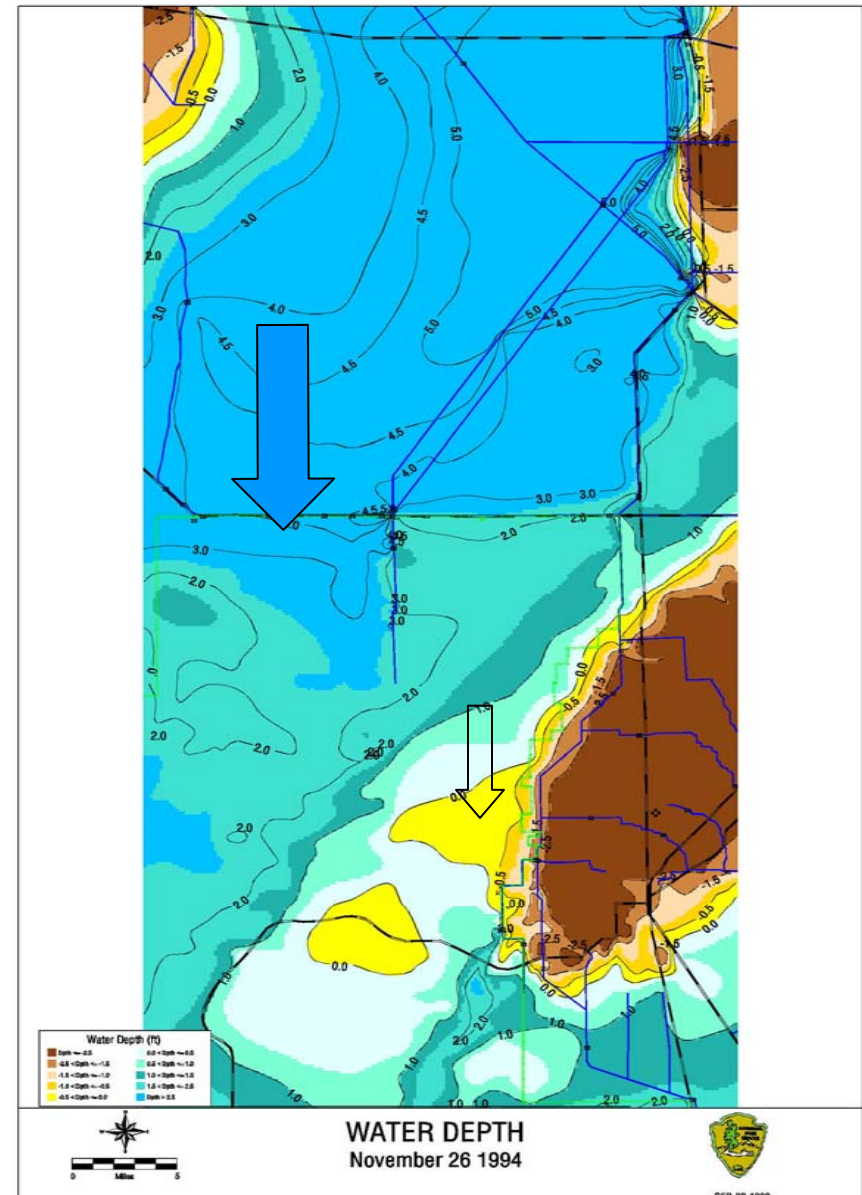
Flow Characteristics:

The closure of the WCAs created a pool of persistent deep water north of Tamiami Trail, which altered flows into Shark Slough.

Flow patterns have been shifted westward away from the historic flow-way, into western Shark Slough.

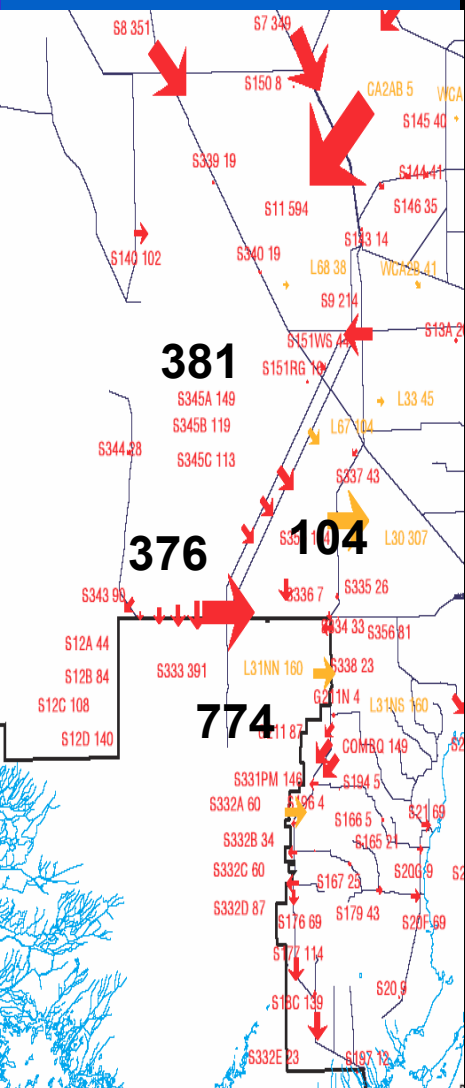
The eastern canal and levee systems have greatly reduced flooding east of the protective levee system, but they have over-drained the Park (through groundwater seepage).

We have lost the surface water connection across the Rocky Glades, that linked Shark Slough with Taylor Slough.

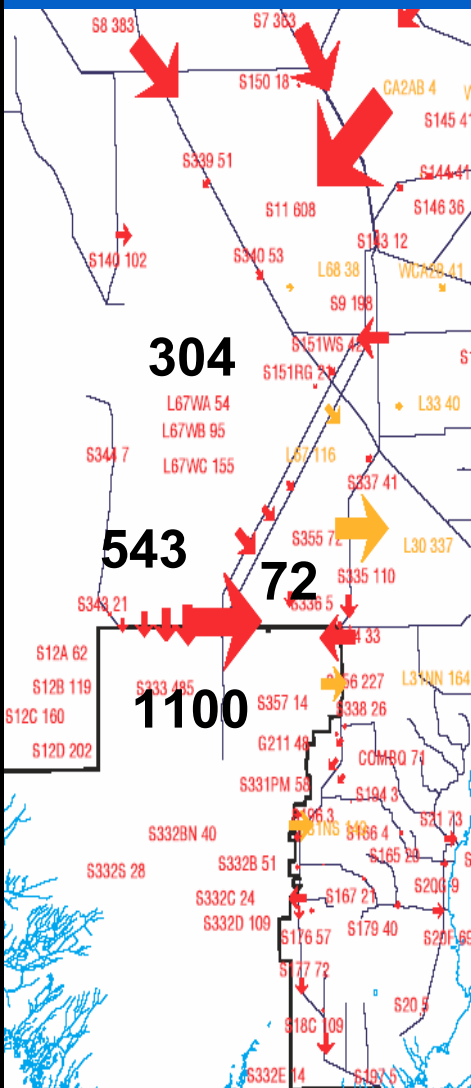


Average Annual Structure Flows (kacre-ft/year)

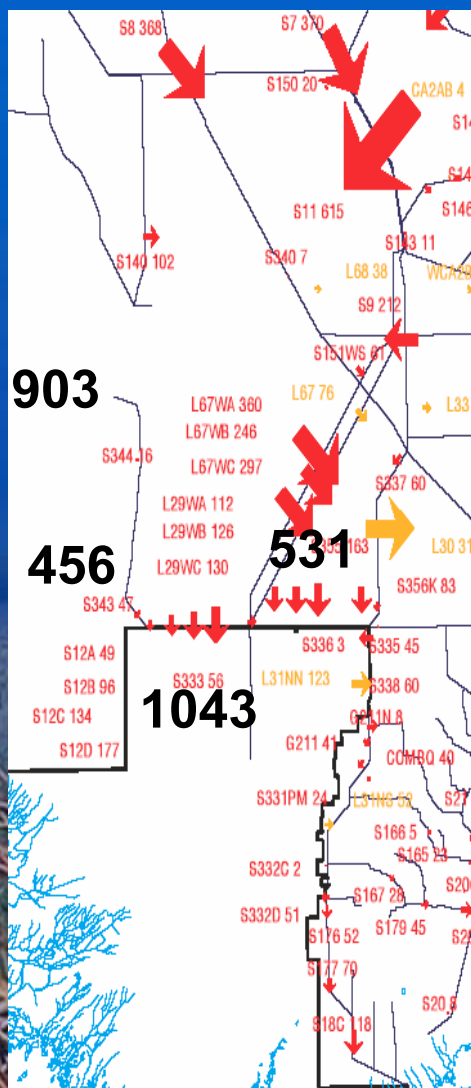
NOACT



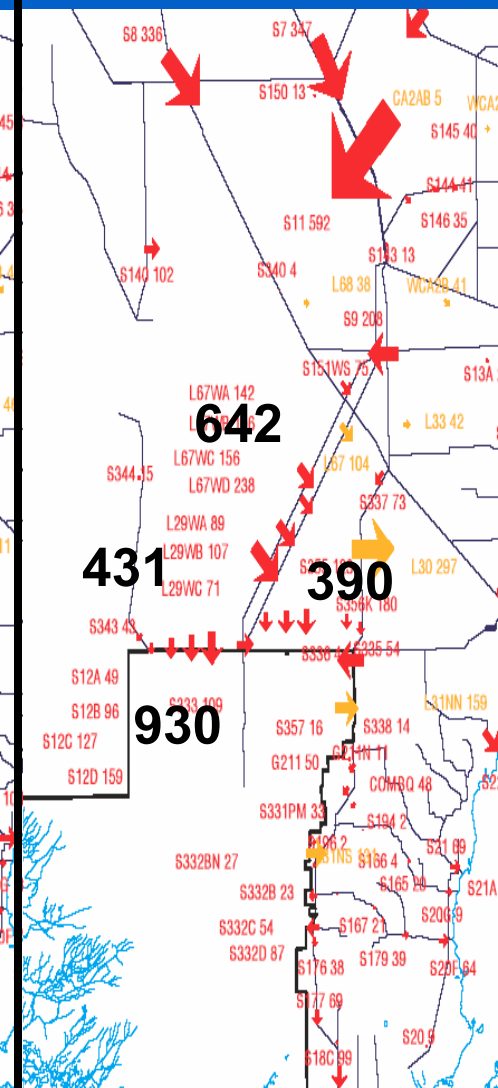
ALT3



WEST

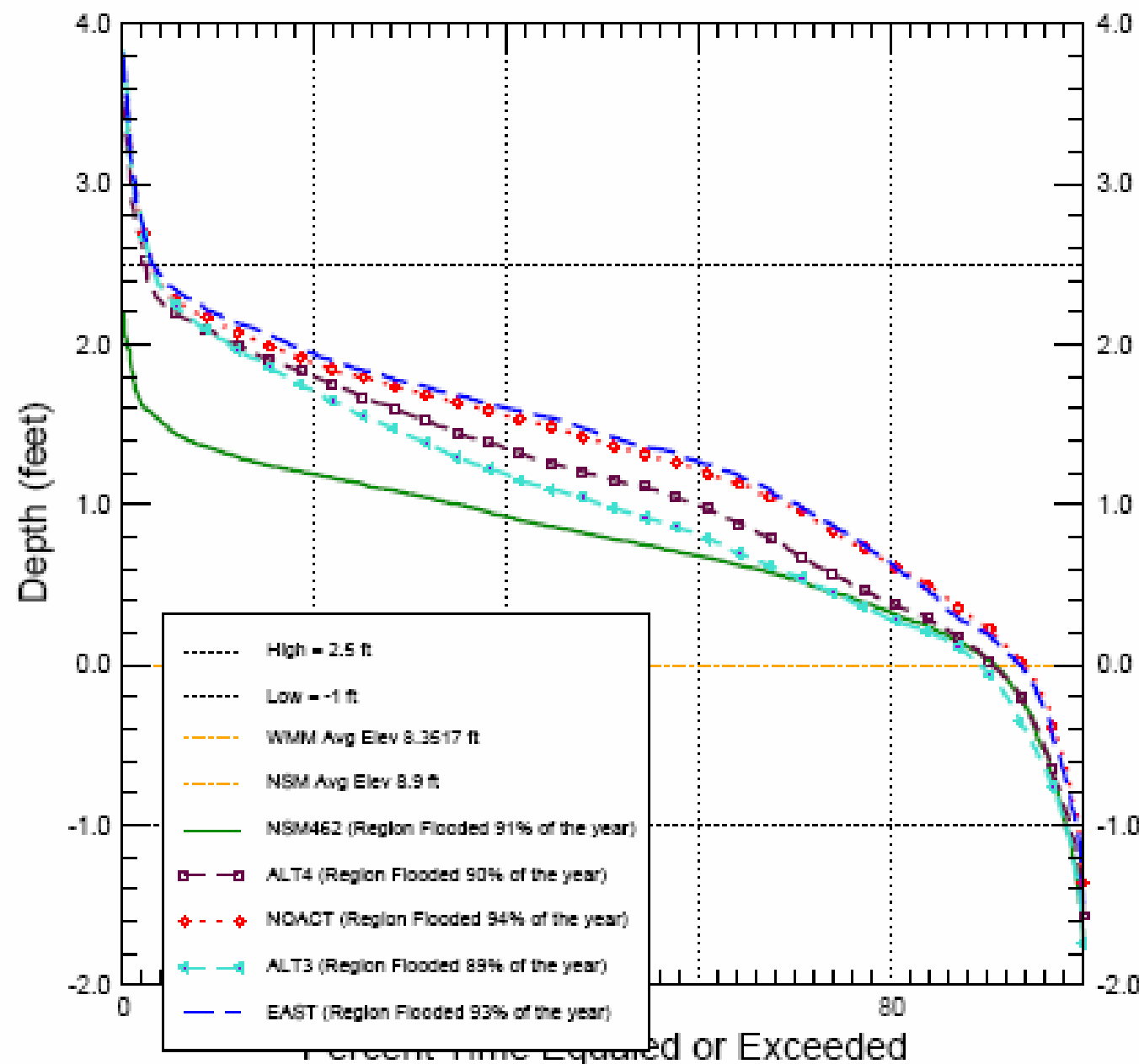


A4COMP2



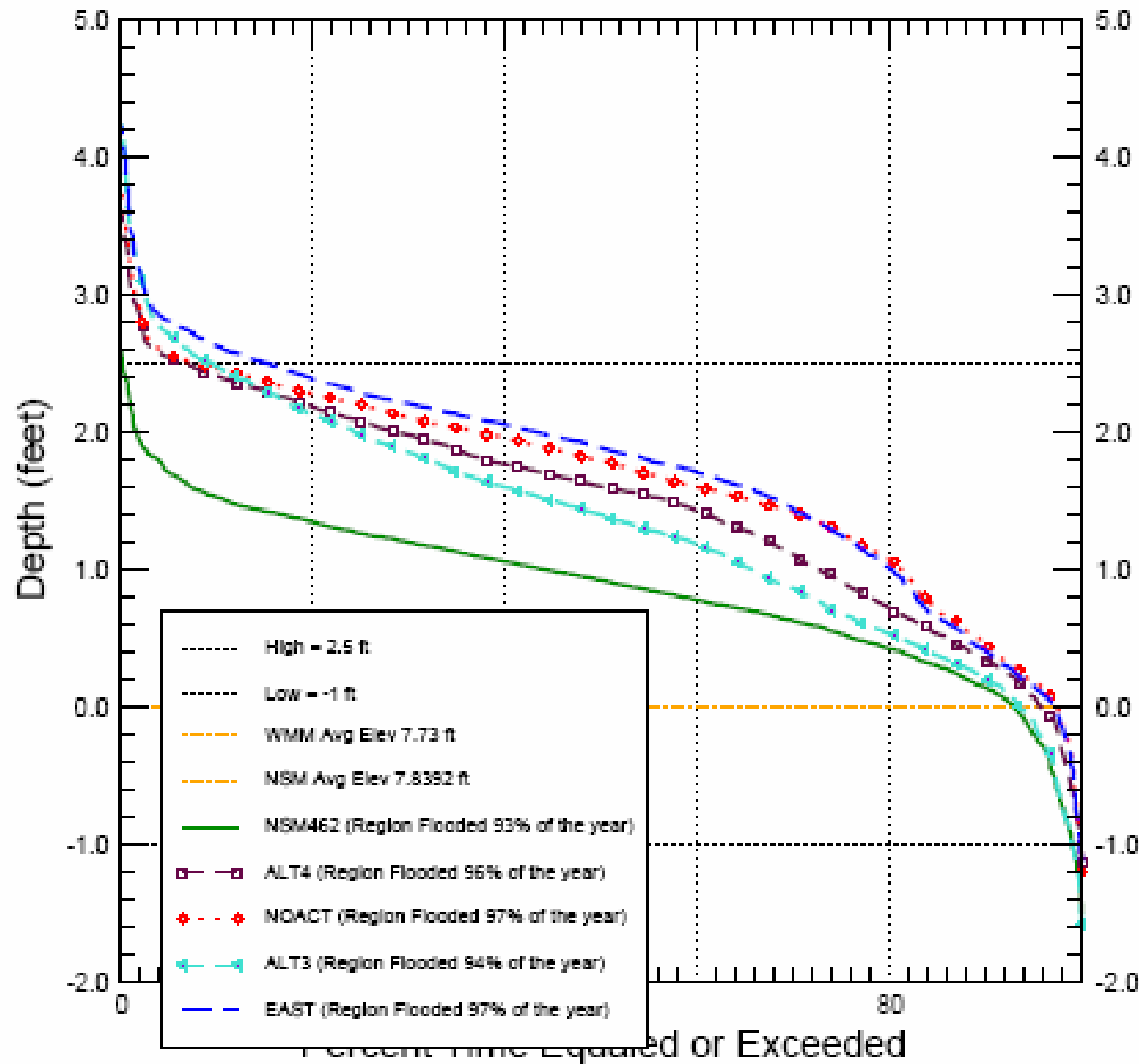
ized Weekly Stage Duration Curves for WCA-3A South Central

Indicator Region 123 (R28C19-21 R29C19-21)



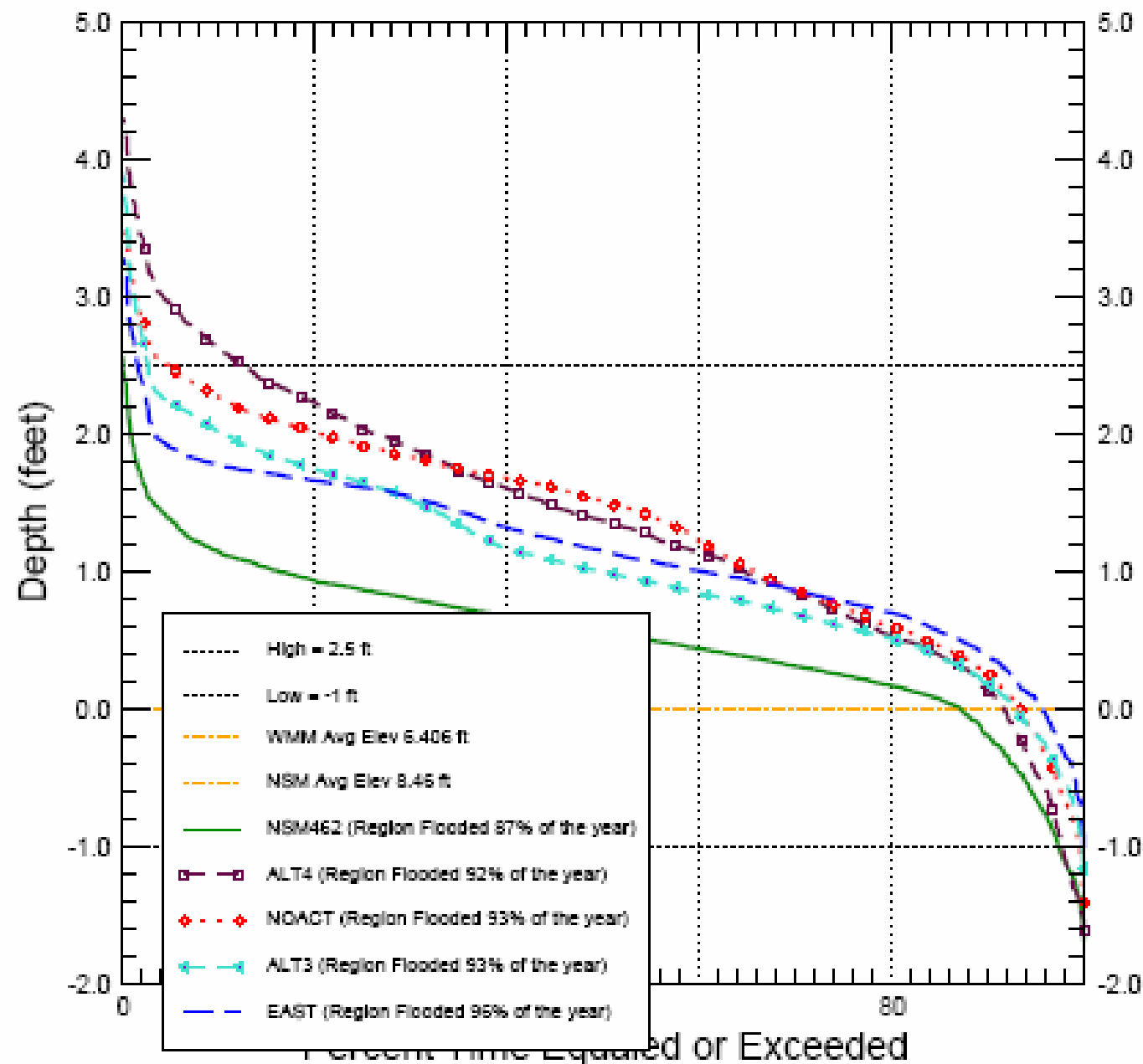
Normalized Weekly Stage Duration Curves for WCA-3A South

Indicator Region 124 (R24C17-20 R25C18-21 R26C18-21)



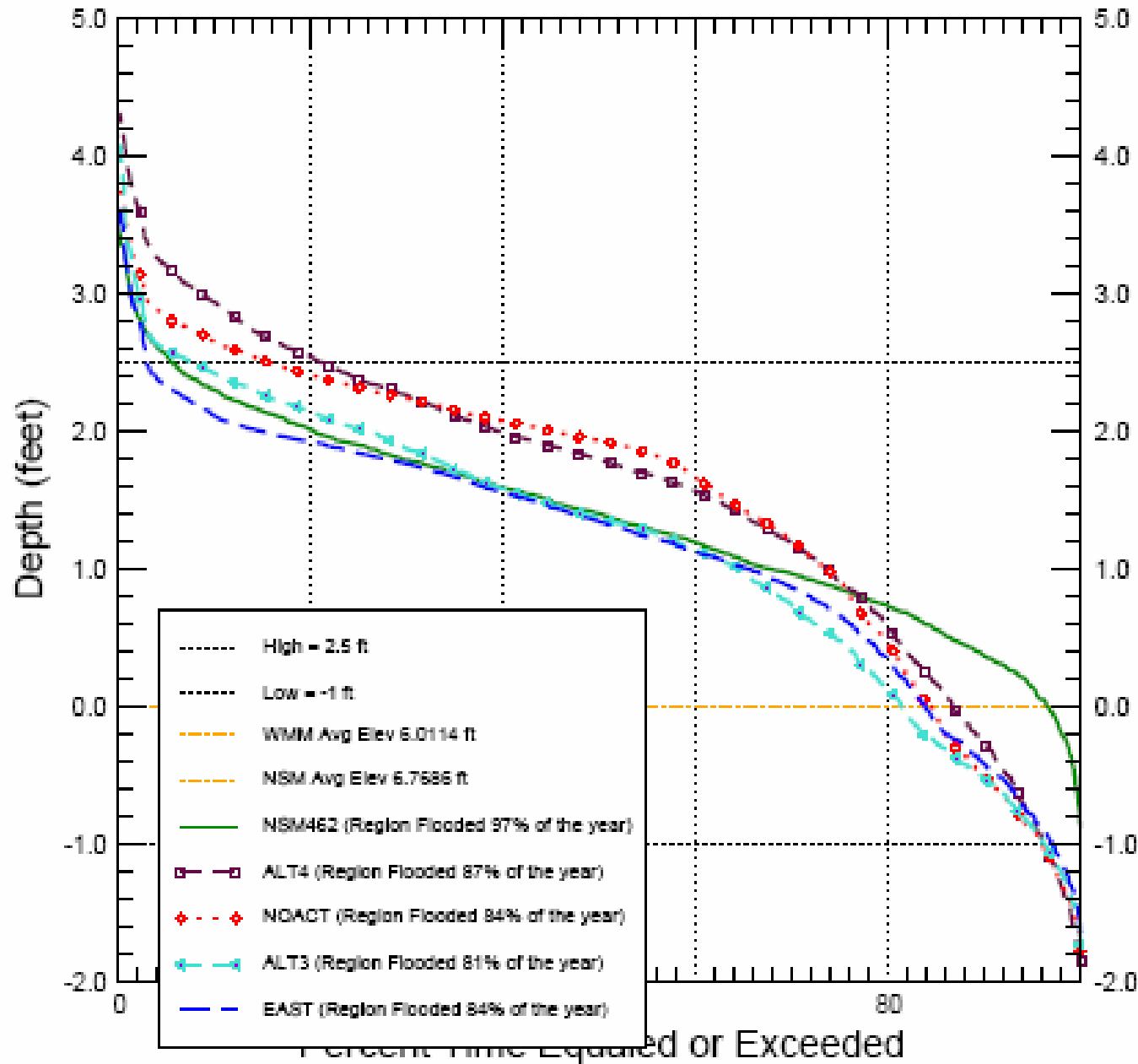
Normalized Weekly Stage Duration Curves for WCA-3B North

Indicator Region 125 (R27C25-26 R28C25-26 R29C26-26)



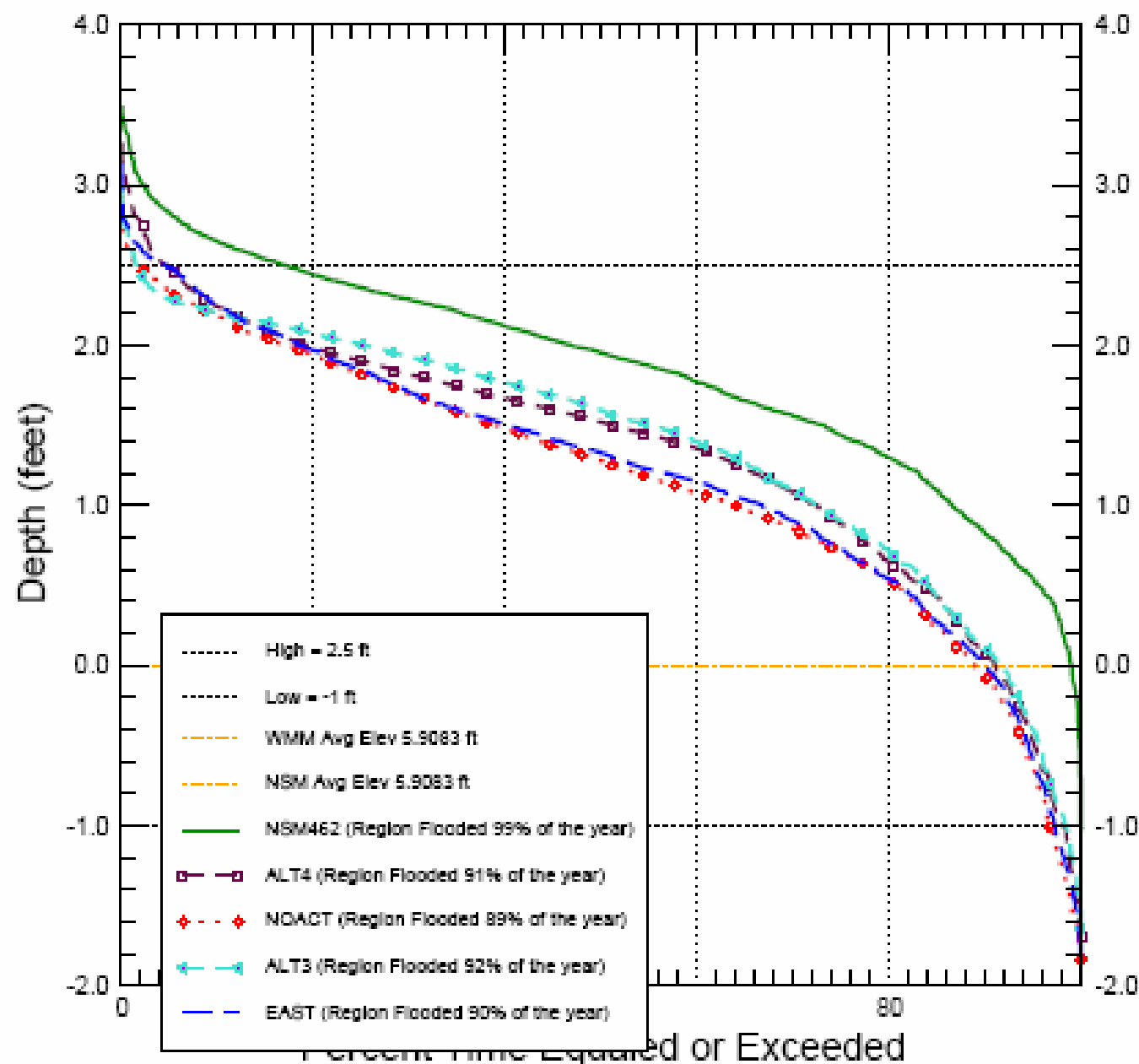
Normalized Weekly Stage Duration Curves for WCA-3B East

Indicator Region 128 (R23C24-26 R24C25-26 R25C26-26 R26C26-26)



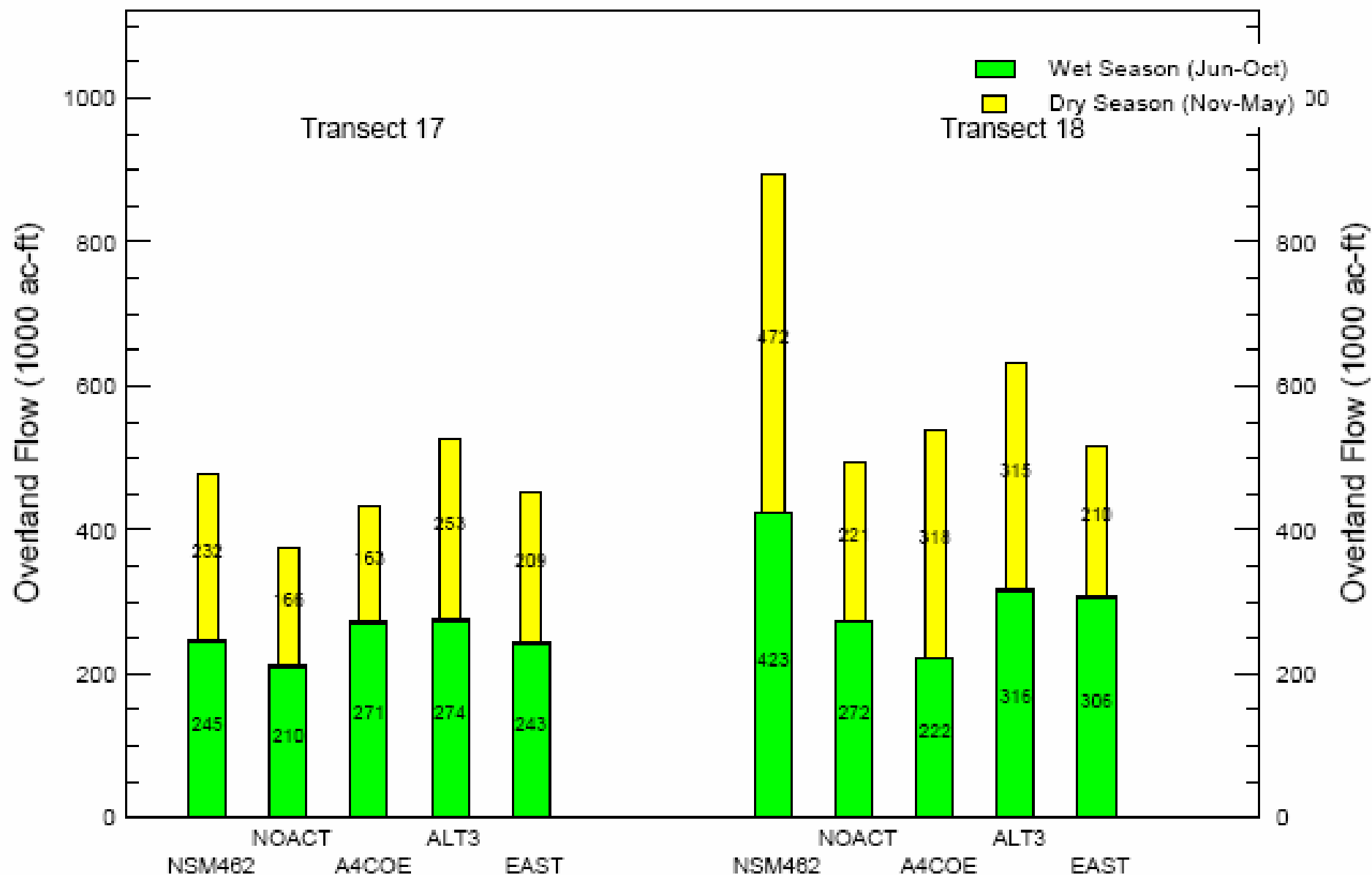
Normalized Weekly Stage Duration Curves for NE Shark Slough

Indicator Region 129 (R19C22-23 R20C22-26 R21C22-26)



Average Annual Overland Flow across Transects 17 & 18 (1965-2000)

Southward flows in Northern ENP (south of Tamiami Trail - west & east of L-67 extension)



Average Monthly Overland Flow across Transects 17 & 18 (1965-2000)

Southward flow in Northern ENP (south of Tamiami Trail - east and west of L-67 extension)

